

JLJ
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS-MATERIALS AND TESTS UNIT
SOILS TEST REPORT-SOILS LABORATORY

T.I.P. ID #: --

REPORT ON SAMPLES OF: Soil for Classification

PROJECT:	33211.1.1	COUNTY:	Henderson	Owner:	--
DATE SAMPLED:	3-4-04	DATE RECEIVED:	3-24-04	DATE REPORTED:	4-26-04
SAMPLED FROM:	Rdw-Bridge Foundation -L-	SAMPLED BY:	J W Mann		
SUBMITTED BY:	W D Frye	2002	STANDARD SPECIFICATION		
LABORATORY:	Asheville				

TEST RESULTS

Project Sample No.	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8
Lab Sample No. A-	144840	144841	144842	144843	144844	144845	144846	144847
HiCAMS Sample #	--	--	--	--	--	--	--	--
Retained #4 Sieve %	--	--	--	--	--	--	--	--
Passing #10 Sieve %	97	40	49	43	98	96	86	84
Passing #40 Sieve %	88	22	34	27	79	80	56	56
Passing #200 Sieve %	26	6	8	7	11	44	15	14

MINUS #10 FRACTION

Soil Mortar - 100%								
Coarse Sand -Ret. #60	27	60	49	53	47	30	53	52
Fine Sand - Ret. #270	53	28	40	35	46	28	35	36
Silt 0.05-0.005 mm %	8	6	5	8	3	10	6	4
Clay < 0.005 mm %	12	6	6	4	4	32	6	8
Passing # 40 Sieve %	--	--	--	--	--	--	--	--
Passing # 200 Sieve %	--	--	--	--	--	--	--	--

Liquid Limit	26	22	22	26	38	32	28	25
Plastic Index	NP	NP	NP	NP	NP	14	NP	NP
AASHTO Classification	A-2-4 (0)	A-1-a (0)	A-1-b (0)	A-1-a (0)	A-2-4 (0)	A-6 (3)	A-2-4 (0)	A-2-4 (0)
Quantity								
Texture								
Station	14+50 CL	14+50 CL	16+71 CL	16+71 CL	16+71 CL	17+80 CL	17+80 CL	18+75 CL
Hole No.								
Depth (ft) From:	4.6	9.6	4.6	9.6	--	0.5	4.5	2.3
To:	6.1	10.4	6.1	10.9	--	2.0	6.0	3.8

Remarks:

CC:

W D Frye	
J J Lail	
File	

SOILS ENGINEER: